

PTO/SB/08A (08-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 12

of 12

## Complete If Known

Application Number	10/719,949
Filing Date	November 21, 2003
First Named Inventor	Robert Leon
Art Unit	2661
Examiner Name	
Attorney Docket Number	1.911-A.03

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KD	US-	6,549,543	04/15/2003	Shin	
	US-	6,570,871	05/27/2003	Schneider	
	US-	6,601,040	07/29/2003	Kolls	
	US-	6,608,832	08/19/2003	Forslow	
	US-	6,680,923	01/20/2004	Leon	
	US-	Des.371,556	07/09/1996	Khoo	
	US-	Des.371,557	07/09/1996	Hon et al.	
	US-	Des.377,019	12/31/1996	Nagano et al.	
	US-	Des.377,266	01/14/1997	Khoo et al.	
	US-	Des.390,699	02/17/1998	Goldenberg et al.	
	US-				

## FOREIGN PATENT DOCUMENTS

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Examiner Signature

/Kiet Doan/

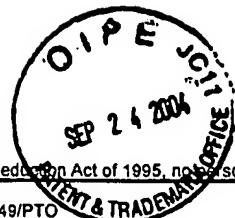
Date Considered

12/15/2006

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Sheet 1.

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KD		US- 4,385,295	05/24/1983	Williard et al.	
		US- 4,412,217	10/25/1983	Willard et al.	
		US- 4,682,148	07/21/1987	Ichikawa et al.	
		US- 4,812,813	03/14/1989	Ide et al.	
		US- 4,855,731	08/08/1989	Yoshizawa et al.	
		US- 4,876,537	10/24/1989	Oyamada	
		US- 4,940,975	07/10/1990	Ide et al.	
		US- 4,975,694	12/04/1990	McLaughlin et al.	
		US- 5,032,835	07/16/1991	DeLuca	
		US- 5,452,829	09/26/1995	King et al.	
		US- 5,537,678	07/16/1996	King et al.	
		US- 5,910,946	06/08/1999	Csapo	
		US- 6,023,241	02/08/2000	Clapper	
		US- 6,028,764	02/22/2000	Richardson et al.	
		US- 6,040,784	03/21/2000	Miller	
		US- 6,047,047	04/04/2000	Aldridge et al.	
		US- 6,049,291	04/11/2000	Kikinis	
		US- 6,052,812	04/18/2000	Chen et al.	
		US- 6,272,348	08/07/2001	Saario et al.	

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/Kiet Doan/

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet

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101

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Application Number	10/719,949
Filing Date	November 21, 2003
First Named Inventor	Robert Leon
Art Unit	2661
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Attorney Docket Number	1.911-A.03

**U. S. PATENT DOCUMENTS**

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet

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Application Number	10/719,949
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First Named Inventor	Robert Leon
Art Unit	2661
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KD		US- 4,613,859	09/23/1986	Mori	
		US- 4,644,347	02/17/1987	Lucas et al.	
		US- 4,644,351	02/17/1987	Zabarsky et al.	
		US- 4,779,091	10/18/1988	Oyagi et al.	
		US- 4,823,123	04/18/1989	Siwiak	
		US- 4,825,193	04/25/1989	Siwiak et al.	
		US- 4,851,829	07/25/1989	DeLuca et al.	
		US- 4,856,047	08/08/1989	Saunders	
		US- 4,891,637	01/02/1990	Siwiak et al.	
		US- 4,940,963	07/10/1990	Gutman et al.	
		US- 5,093,659	03/03/1992	Yamada	
		US- 5,131,038	07/14/1992	Puhl et al.	
		US- 5,136,480	08/04/1992	Pristash et al.	
		US- 5,189,358	02/23/1993	Tomura et al.	
		US- 5,239,294	08/24/1993	Flanders et al.	
		US- 5,289,178	02/22/1994	Schwendeman	
		US- 5,291,192	03/01/1994	Ichikawa et al.	
		US- 5,296,849	03/22/1994	Ide	
		US- 5,349,696	09/20/1994	Matai	

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Sheet	2	of	4	Filing Date	November 21, 2003
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KD		US- 5,349,696	09/20/1994	Matai	
		US- 5,363,089	11/08/1994	Goldberg	
		US- 5,363,377	11/08/1994	Sharpe	
		US- 5,459,773	10/17/1995	Hwang	
		US- 5,465,086	11/07/1995	Gleeson et al.	
		US- 5,465,290	11/07/1995	Hampton et al.	
		US- 5,479,486	12/26/1995	Saji	
		US- 5,488,759	02/06/1996	Lim et al.	
		US- 5,546,463	08/13/1996	Caputo et al.	
		US- 5,546,471	08/13/1996	Merjanian	
		US- 5,565,859	10/15/1996	Matsumoto	
		US- 5,596,318	01/21/1997	Mitchell	
		US- 5,701,258	12/23/1997	Harris et al.	
		US- 5,705,995	01/06/1998	Laflin et al.	
		US- 5,791,912	08/11/1998	Riechelmann et al.	
		US- 5,844,773	12/01/1998	Malhi	
		US- 5,875,401	02/23/1999	Rochkind	
		US- 5,940,751	08/17/1999	Kaplan et al.	
		US- 5,971,557	10/26/1999	Kubes et al.	

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		US- 5,847,336	12/08/1998	Thornton	
		US- 5,872,834	02/16/1999	Teitelbaum	
		US- 5,940,015	08/17/1999	Thornton et al.	
		US- 5,975,711	11/02/1999	Parker et al.	
		US- 5,987,440	11/16/1999	O'Neil et al.	
		US- 5,987,480	11/16/1999	Donohue et al.	
		US- 5,987,498	11/16/1999	Athing et al.	
		US- 6,006,205	12/21/1999	Loeb et al.	
		US- 6,018,724	01/25/2000	Arent	
		US- 6,023,682	02/08/2000	Checchio	
		US- 6,038,661	03/14/2000	Yoshioka et al.	
		US- 6,073,124	06/06/2000	Krishnan et al.	
		US- Des. 298,230	10/25/1988	Lay	
		US- Des. 348,775	07/19/1994	Scheid	
		US- Des. 368,582	04/09/1996	King et al.	
		US- Des. 385,530	10/28/1997	Hames et al.	
		US- Des. 388,059	12/23/1997	Halstead et al.	
		US- Des. 390,353	02/10/1998	Ross et al.	

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